

AMENDMENTS TO THE CLAIMS

Claims 1-49 (Canceled).

50 (New): An integrated process for treating a solid material or a shaped body, comprising:

bringing said solid material or said shaped body in contact with deionized water at a temperature between 120°C and 175°C after at least one of the following steps:

(i) after separating an at least partly crystalline solid material from its mother liquor, wherein said separating is a step (II); or

(ii) after shaping said solid material into a shaped body, wherein said shaping is a step (S); or

(iii) after calcining said solid material or said shaped body, wherein said calcining is a step (C),

wherein said solid material or said shaped body comprise at least one zeolite and are at least partly crystalline.

51 (New): The process according to claim 50, wherein the at least one zeolite comprises Ti.

52 (New): The process according to claim 51, wherein the at least one zeolite containing Ti is selected from the group consisting of materials of the structure classes MFI, MEL, MWW, BEA or any mixed structures thereof.

53 (New): The process according to claim 50, wherein the bringing of the solid material or the shaped body in contact with water is performed in a reactor that is used for the

synthesis or treatment of the solid material or in a reactor in which the solid material or the shaped bodies made from the solid material are used as catalysts in a chemical reaction.

54 (New): An integrated process for the production of a solid material, comprising:

- (I) at least partial crystallization of at least one solid material containing at least one zeolite out of a synthesis mixture, resulting in mixture (I) containing at least said solid material and a mother liquor;
- (II) separating and/or concentrating of the solid material in mixture (I);
- (W) bringing the solid material from step (II) in contact with deionized water at a temperature between 120°C and 175°C;
- (III) agglomerating or granulating or agglomerating and granulating of the solid material from step (W);

wherein step (III) is optional;

wherein said solid material comprises at least one zeolite.

55 (New): The integrated process according to claim 54, wherein, after step (W), a repetition of step (II) is performed wherein the solid material is separated from at least parts of the composition containing water.

56 (New): The integrated process according to claim 54, wherein the method of separating and/or concentrating in step (II) is selected from the group consisting of ultrafiltration, spray-drying, spray granulating, and bringing inert support bodies in contact with the synthesis solution from (I).

57 (New): An integrated process for the production of a shaped body, comprising:

(I) at least partial crystallization of at least one solid material containing at least one zeolite out of a synthesis mixture, resulting in mixture (I) containing at least said solid material and a mother liquor;

(II) separating and/or concentrating of the solid material in mixture (I);

(W) bringing the solid material from step (II) in contact with deionized water at a temperature between 120°C and 175°C;

(III) agglomerating or granulating or agglomerating and granulating of the solid material from step (W);

wherein step (III) is optional;

wherein, after step (W) or after step (III), at least one step (S) of shaping the solid material into a shaped body is performed; and

wherein said shaped body comprises at least one zeolite.

58 (New): The integrated process according to claim 57, wherein the at least one step of shaping the solid material is selected from the group consisting of pelletizing, pressing, extruding, sintering, roasting, briquetting.

59 (New): The integrated process according to 57, wherein the step (W) is performed after the step (S) is performed,

wherein said step (W) either replaces the step (W) performed after step (II) or is performed in addition to the step (W) performed after step (II).

60 (New): The integrated process according to claim 54, wherein after at least one of the steps (II), (W) or (III), a step (C) of calcining the solid material and/or the shaped body is performed.

61 (New): The integrated process according to claim 57, wherein after at least one of the steps (II), (W) or (III), a step (C) of calcining the solid material and/or the shaped body is performed.

62 (New): The integrated process according to claim 60, wherein said step of calcining is performed at temperatures higher than 400°C.

63 (New): A solid material, obtained by an integrated process, comprising:
treating a solid material comprising at least one zeolite and being at least partly crystalline by bringing said solid material in contact with deionized water at a temperature between 120°C and 175°C after at least one of the following steps:

- (i) after separating the at least partly crystalline material from its mother liquor, wherein said separating is a step (II); or
- (ii) after calcining said solid material, wherein said calcining is a step (C).

64 (New): The solid material according to claim 63, which comprises Ti.

65 (New): The solid material according to claim 63, which displays an increased UV/VIS absorption over materials that have not been brought in contact with deionized water, in the region from 250 to 350 nm.

66 (New): The solid material according to claim 63, which is shaped into a shaped body in a step (S); and

wherein in addition to the step of bringing the solid material in contact with water or instead of said step, the shaped body is brought in contact with water, either directly after the step (S) of shaping the solid material into a shaped body or after a subsequent step (C) of calcining said shaped body, wherein said bringing into contact with water is performed with deionized water at a temperature between 120°C and 175°C.

67 (New): The solid material according to claim 64, which is shaped into a shaped body in a step (S); and

wherein in addition to the step of bringing the solid material in contact with water or instead of said step, the shaped body is brought in contact with water, either directly after the step (S) of shaping the solid material into a shaped body or after a subsequent step (C) of calcining said shaped body, wherein said bringing into contact with water is performed with deionized water at a temperature between 120°C and 175°C.

68 (New): A method of obtaining a reaction product of the reaction of at least one C-C-double bond with at least one hydroperoxide, said method comprising:

reacting at least one compound with at least one C-C-double bond with at least one hydroperoxide in the presence of the solid material according to claim 63.

69 (New): The method of claim 68, wherein said solid material is a catalyst.

70 (New): The method of claim 68, wherein said solid material is a co-catalyst.